

## ABSTRACT

At present Internet is the major technology for worldwide communication. It also becomes major sources for information finding. The important factor that makes the Internet interesting sources of information is its world-wide-web feature. Most web pages are created using Hyper Text Markup Language (HTML), the major language of the Internet's World Wide Web. HTML has become an important fundamental concept every web page developer needs to know.

Most educational institutions provide HTML courses to interested students in a teacher-directed instruction manner. The instruction must be provided only in the classroom according to the course schedule. There are many obstacles in the traditional HTML learning approach due to its flexibility and inability to meet the requirements of teachers and students.

This project proposes an alternative approach of HTML learning which is far more effective than a traditional teacher-student interaction in classroom. An HTML learning package is developed in accordance to the computer-assisted instruction (CAI) design and implementation steps. The package uses multimedia presentation to make learning more interesting to students. The package can also help to reduce the classroom-lecturing burden of teachers.

The package has been successfully implemented using the software tools such as Macromedia Authorware 4.0, Ulead GIF Animator 2.0 and Adobe Photoshop 5.0. The performance of the CAI package has been assessed and the results show that the package improves the efficiency of learning by students and strengthen their knowledge of HTML. After going through all the lessons in the CAI package students are capable of creating their own web pages.